PM_{2.5} (ug/m³) Data for December 31, 2012

 ${\rm PM_{2.5}}$ Particulate matter that is 2.5 microns or less in aerodynamic diameter Preliminary Data Subject to Change

Air Monitoring Stations

Time Honolulu 1250 Punchbot 1:00 a.m. 4 2:00 a.m. 3 3:00 a.m. 6 5:00 a.m. 11 6:00 a.m. 13 7:00 a.m. 12 8:00 a.m. 14 10:00 a.m. 9 11:00 a.m. 9 12:00 noon 12 1:00 p.m. 13 2:00 p.m. 18 3:00 p.m. 5 4:00 p.m. 9 5:00 p.m. 10 7:00 p.m. 7 8:00 p.m. 10 9:00 p.m. 16 10:00 p.m. 13 11:00 p.m. 13	Air Monitoring Stations									
1:00 a.m. 4 2:00 a.m. 3 3:00 a.m. 3 4:00 a.m. 6 5:00 a.m. 11 6:00 a.m. 12 8:00 a.m. 12 8:00 a.m. 14 10:00 a.m. 9 11:00 a.m. 9 11:00 p.m. 13 2:00 p.m. 18 3:00 p.m. 19 5:00 p.m. 10 7:00 p.m. 10 7:00 p.m. 10 7:00 p.m. 10 9:00 p.m. 10	,	Time	Kapolei	Sand Island	Kihei	Niumalu				
2:00 a.m. 3 3:00 a.m. 3 4:00 a.m. 6 5:00 a.m. 11 6:00 a.m. 12 8:00 a.m. 12 8:00 a.m. 14 10:00 a.m. 9 11:00 a.m. 9 11:00 a.m. 9 12:00 noon 12 1:00 p.m. 13 2:00 p.m. 18 3:00 p.m. 5 4:00 p.m. 10 7:00 p.m. 10 7:00 p.m. 10 9:00 p.m. 10 9:00 p.m. 10			Kapolei Business Park	Sand Island Access Rd.	Hale Piilani Park	2342 Hulemalu Rd.				
3:00 a.m. 3 4:00 a.m. 6 5:00 a.m. 11 6:00 a.m. 12 8:00 a.m. 12 8:00 a.m. 13 9:00 a.m. 14 10:00 a.m. 9 11:00 a.m. 9 11:00 p.m. 13 2:00 p.m. 18 3:00 p.m. 15 6:00 p.m. 10 7:00 p.m. 10 9:00 p.m. 10 9:00 p.m. 10	6	1:00 a.m.	10	6	6	1				
4:00 a.m. 6 5:00 a.m. 11 6:00 a.m. 13 7:00 a.m. 12 8:00 a.m. 13 9:00 a.m. 14 10:00 a.m. 9 11:00 a.m. 9 11:00 p.m. 13 2:00 p.m. 18 3:00 p.m. 5 4:00 p.m. 10 7:00 p.m. 10 7:00 p.m. 10 9:00 p.m. 10	7	2:00 a.m.	7	7	9	6				
5:00 a.m. 11 6:00 a.m. 13 7:00 a.m. 12 8:00 a.m. 13 9:00 a.m. 14 10:00 a.m. 9 11:00 a.m. 9 11:00 a.m. 13 2:00 p.m. 13 2:00 p.m. 15 4:00 p.m. 15 6:00 p.m. 10 7:00 p.m. 10 7:00 p.m. 10 9:00 p.m. 10	8	3:00 a.m.	7	9	6	4				
6:00 a.m. 13 7:00 a.m. 12 8:00 a.m. 13 9:00 a.m. 14 10:00 a.m. 9 11:00 a.m. 9 12:00 noon 12 1:00 p.m. 13 2:00 p.m. 18 3:00 p.m. 5 4:00 p.m. 10 7:00 p.m. 10 7:00 p.m. 10 9:00 p.m. 10	10	4:00 a.m.	8	10	6	2				
7:00 a.m. 12 8:00 a.m. 13 9:00 a.m. 14 10:00 a.m. 9 11:00 a.m. 9 12:00 noon 12 1:00 p.m. 13 2:00 p.m. 18 3:00 p.m. 5 4:00 p.m. 10 7:00 p.m. 10 7:00 p.m. 10 9:00 p.m. 10	11	5:00 a.m.	8	13	5	3				
8:00 a.m. 13 9:00 a.m. 14 10:00 a.m. 9 11:00 a.m. 9 12:00 noon 12 1:00 p.m. 13 2:00 p.m. 18 3:00 p.m. 5 4:00 p.m. 10 5:00 p.m. 10 7:00 p.m. 10 7:00 p.m. 10 9:00 p.m. 10	12	6:00 a.m.	10	14	0	3				
9:00 a.m. 14 10:00 a.m. 9 11:00 a.m. 9 12:00 noon 12 1:00 p.m. 13 2:00 p.m. 18 3:00 p.m. 5 4:00 p.m. 13 6:00 p.m. 10 7:00 p.m. 7 8:00 p.m. 10 9:00 p.m. 10	17	7:00 a.m.	11	no data	1	5				
10:00 a.m. 9 11:00 a.m. 9 12:00 noon 12 1:00 p.m. 13 2:00 p.m. 18 3:00 p.m. 5 4:00 p.m. 9 5:00 p.m. 10 7:00 p.m. 10 7:00 p.m. 10 9:00 p.m. 10	14	8:00 a.m.	11	no data	8	8				
11:00 a.m. 9 12:00 noon 12 1:00 p.m. 13 2:00 p.m. 18 3:00 p.m. 5 4:00 p.m. 9 5:00 p.m. 10 7:00 p.m. 7 8:00 p.m. 10 9:00 p.m. 10 9:00 p.m. 13	13	9:00 a.m.	18	14	15	6				
12:00 noon 12 1:00 p.m. 13 2:00 p.m. 18 3:00 p.m. 5 4:00 p.m. 9 5:00 p.m. 13 6:00 p.m. 10 7:00 p.m. 7 8:00 p.m. 10 9:00 p.m. 10	11	10:00 a.m.	15	13	6	4				
1:00 p.m. 13 2:00 p.m. 18 3:00 p.m. 5 4:00 p.m. 9 5:00 p.m. 13 6:00 p.m. 10 7:00 p.m. 7 8:00 p.m. 10 9:00 p.m. 16 10:00 p.m. 13	12	11:00 a.m.	13	10	8	4				
2:00 p.m. 18 3:00 p.m. 5 4:00 p.m. 9 5:00 p.m. 13 6:00 p.m. 10 7:00 p.m. 7 8:00 p.m. 10 9:00 p.m. 16 10:00 p.m. 13	13	12:00 noon	11	11	10	7				
3:00 p.m. 5 4:00 p.m. 9 5:00 p.m. 13 6:00 p.m. 10 7:00 p.m. 7 8:00 p.m. 10 9:00 p.m. 16 10:00 p.m. 13	12	1:00 p.m.	9	13	8	9				
4:00 p.m. 9 5:00 p.m. 13 6:00 p.m. 10 7:00 p.m. 7 8:00 p.m. 10 9:00 p.m. 16 10:00 p.m. 13	9	2:00 p.m.	9	10	8	8				
5:00 p.m. 13 6:00 p.m. 10 7:00 p.m. 7 8:00 p.m. 10 9:00 p.m. 16 10:00 p.m. 13	10	3:00 p.m.	8	10	9	9				
6:00 p.m. 10 7:00 p.m. 7 8:00 p.m. 10 9:00 p.m. 16 10:00 p.m. 13	12	4:00 p.m.	9	12	5	10				
7:00 p.m. 7 8:00 p.m. 10 9:00 p.m. 16 10:00 p.m. 13	11	5:00 p.m.	12	8	4	10				
8:00 p.m. 10 9:00 p.m. 16 10:00 p.m. 13	12	6:00 p.m.	13	6	8	7				
9:00 p.m. 16 10:00 p.m. 13	15	7:00 p.m.	13	7	11	5				
10:00 p.m. 13	23	8:00 p.m.	16	9	10	8				
·	32	9:00 p.m.	12	15	10	13				
11:00 n m 19	26	10:00 p.m.	17	15	13	10				
11.00 p.iii.	29	11:00 p.m.	7	25	149	7				
12:00 midnight 19	34	12:00 midnight	19	22	17	10				
24 hour average ^a 11	15	24 hour average ^a	11	12	14	7				

^a The federal standard is 35 ug/m³ averaged over 24 hours

$PM_{2.5}$ (ug/m 3) Data for January 1, 2013

PM_{2.5} Particulate matter that is 2.5 microns or less in aerodynamic diameter Preliminary Data Subject to Change

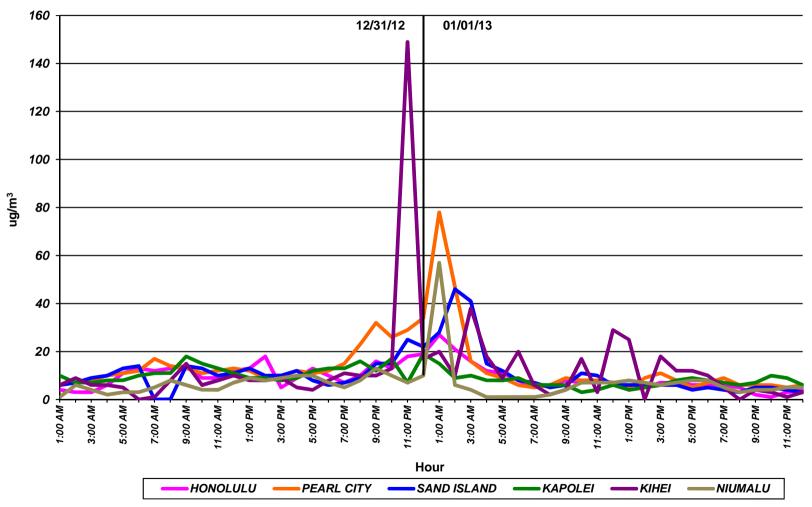
Air Monitoring Stations

Air wonitoring Stations										
Time	Honolulu	Pearl City	Kapolei	Sand Island	Kihei	Niumalu				
1:00 a.m.	1250 Punchbowl St.	860 4th St. 78	Kapolei Business Park	Sand Island Access Rd. 28	Hale Piilani Park 20	2342 Hulemalu Rd. 57				
2:00 a.m.	21	47	9	46	10	6				
3:00 a.m.	16	16	10	41	38	4				
4:00 a.m.	12	11	8	15	18	1				
5:00 a.m.	11	9	8	12	9	1				
6:00 a.m.	8	6	9	8	20	1				
7:00 a.m.	5	5	6	7	6	1				
8:00 a.m.	6	6	6	5	2	2				
9:00 a.m.	8	9	6	6	4	4				
10:00 a.m.	7	8	3	11	17	7				
11:00 a.m.	8	8	4	10	3	7				
12:00 noon	7	7	6	6	29	7				
1:00 p.m.	4	5	4	6	25	8				
2:00 p.m.	5	9	5	6	no data	7				
3:00 p.m.	7	11	6	6	18	6				
4:00 p.m.	7	8	8	6	12	7				
5:00 p.m.	6	5	9	4	12	8				
6:00 p.m.	6	7	8	5	10	8				
7:00 p.m.	6	9	7	4	5	5				
8:00 p.m.	5	6	6	3	no data	3				
9:00 p.m.	2	6	7	5	4	4				
10:00 p.m.	1	6	10	5	3	4				
11:00 p.m.	3	5	9	4	1	5				
12:00 midnight	4	6	6	3	3	5				
24 hour average ^a	8	12	7	11	12	7				

^a The federal standard is 35 ug/m³ averaged over 24 hours

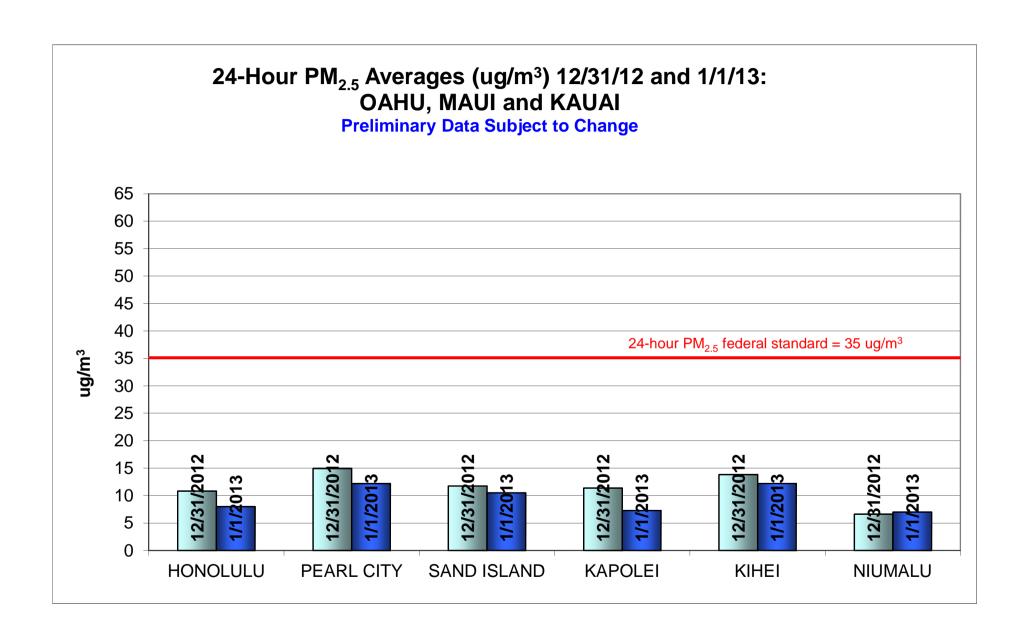
1-Hour PM_{2.5} (ug/m³) Data for December 31, 2012 and January 1, 2013

(Preliminary Data Subject to Change)

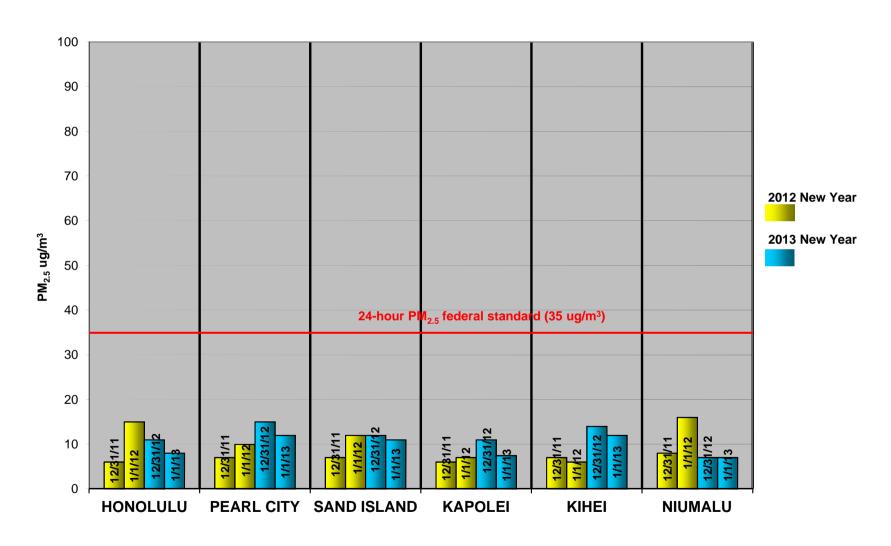


There is no state or federal 1-hour standard for ${\rm PM}_{\rm 2.5}$

The federal standard for PM_{2.5} is 35 ug/m³ averaged over 24 hours.



Comparison of New Year's 2012 and 2013: 24-Hour PM_{2.5} Averages (ug/m³) (Data is preliminary and subject to change)



Comparison of New Year's 2011 - 2013: 24-Hour PM_{2.5} Averages (ug/m³) (Data is preliminary and subject to change)

